

**ANIXTER**



Products. Technology. Services. Delivered Globally.

**IBW SOLUTIONS**  
**ARE YOUR FACILITIES READY**  
**FOR THE REVOLUTION?**



Mobile communications connect people to work, entertainment and each other in ways that boost productivity and enhance lives. However, a building's structure can block users from receiving a call or a life-saving alert. **In-Building Wireless (IBW)** communications provide the critical link to enable the use of cell phones, pagers, PDAs, two-way radios, wireless LANs, emergency communications and wireless building system devices within an enclosed structure.

### **HOW IN-BUILDING WIRELESS WORKS**

Through the use of specialized equipment, **distributed antenna systems (DAS)** can be installed in nearly any structure including hospitals, schools, airports, office buildings and stadiums to enable the use of wireless devices, technologies and applications. By using the signal from a mobile operator, DAS propagates the signal via strategically positioned antennas throughout the building to extend the reach of the signal and provide users with expected service.



### **UTILIZING WI-FI**

**Wi-Fi** is an integral component of an IBW network that allows cost effective deployment of a local area network; however, the traffic demand can overwhelm a Wi-Fi service if not properly deployed and new standards can make enterprise deployment complex.

To successfully utilize Wi-Fi, the Wi-Fi architecture needs to be outfitted with WAPs connected with high-speed cabling. Determining where to install these wireless access points (WAPs) can be challenging, but industry standards make recommendations for common installations.



## THE MOBILE WORKPLACE IS HERE



Productivity is moving to the mobile device. Help employees stay connected.

As the Bring Your Own Device (BYOD) trend has more and more of your employees conducting work on their personal mobile devices, your need to provide wireless coverage throughout your facilities to securely aid constant operations increases. Our tailored IBW technologies provide a scalable solution that uses **carrier-approved products** to add flexibility throughout the system. We offer a complete line of cutting-edge products, technical expertise and Supply Chain Solutions to help provide a fast and efficient deployment of your specific IBW network, helping to bring enhanced productivity and mobility to your workforce. Delivered and installed by **qualified integrator partners**, we can help you find a robust and effective solution to the complex challenge of meeting today's mobility needs.

## RELY ON OUR TECHNICAL EXPERTISE

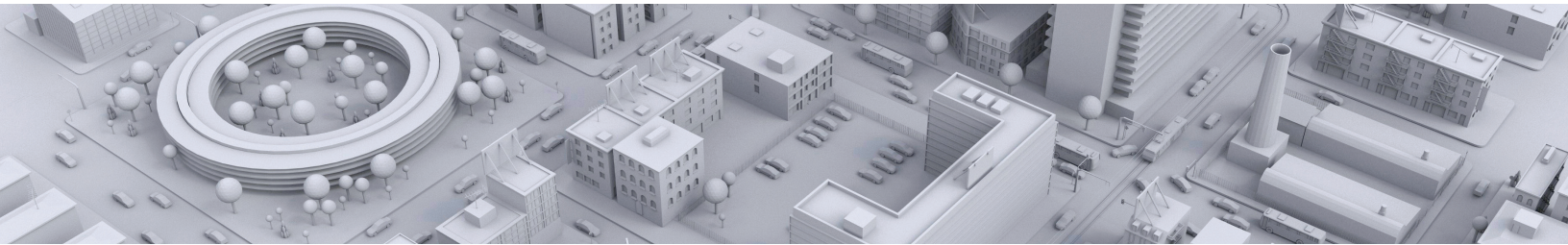
You'll have access to the highest level of technical engineering services and knowledge through the qualified industry experts and engineers working in our labs all over the globe.

Whether you want to know more about the latest BYOD trends and DAS applications and technologies or would like assistance applying Wi-Fi standards to your enterprise, we have the answers and experience to help you make informed choices.

Our dedication to delivering you quality technologies comes to life at our UL-verified Infrastructure Solutions Lab<sup>SM</sup> located in our Glenview, Illinois, headquarters. This unique, 4,000-square-foot research and educational facility is where our technical experts evaluate, demonstrate and educate, so you are better equipped to address your infrastructure challenges and meet your current and future application needs.

Providing an impartial, hands-on experience, Anixter's Lab welcomes customers who want to:

- Conduct proof of concept testing for systems interoperability
- Determine optimal cabling solutions for high speed data
- Evaluate the latest technologies
- Test solutions that integrate the logical and physical elements of a building's data, voice, video and automation systems.



## THE COMPLETE WIRELESS SOLUTION

Anixter distributes a number of solutions from leading DAS and Wi-Fi manufacturers. These solutions include electronic components, cabling infrastructure, pathway and support products, and installation-related materials.

The Anixter team includes trained and experienced IBW specialists, sales representatives and technical resources capable of recommending designs, products and best practices. Anixter's core distribution network provides products, coordinated deliveries and Supply Chain Solutions for an accurate, timely and environmentally responsible installation.

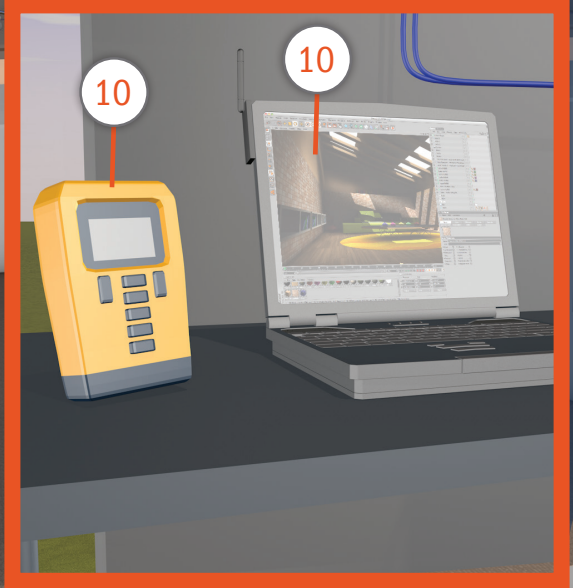
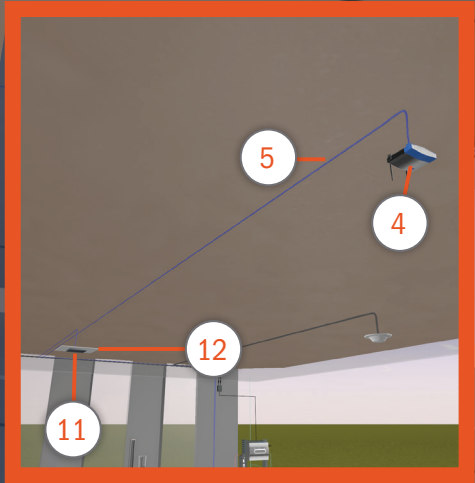
## BEST-IN-CLASS WIRELESS PARTNERS

Receive the highest quality customer experience with your best-in-class wireless communication solutions providers. Through our In-Building Wireless EDGE program, we work closely with a select network of experienced integrators that provide turnkey wireless solutions. The integrators in our In-Building Wireless EDGE program offer many services including:

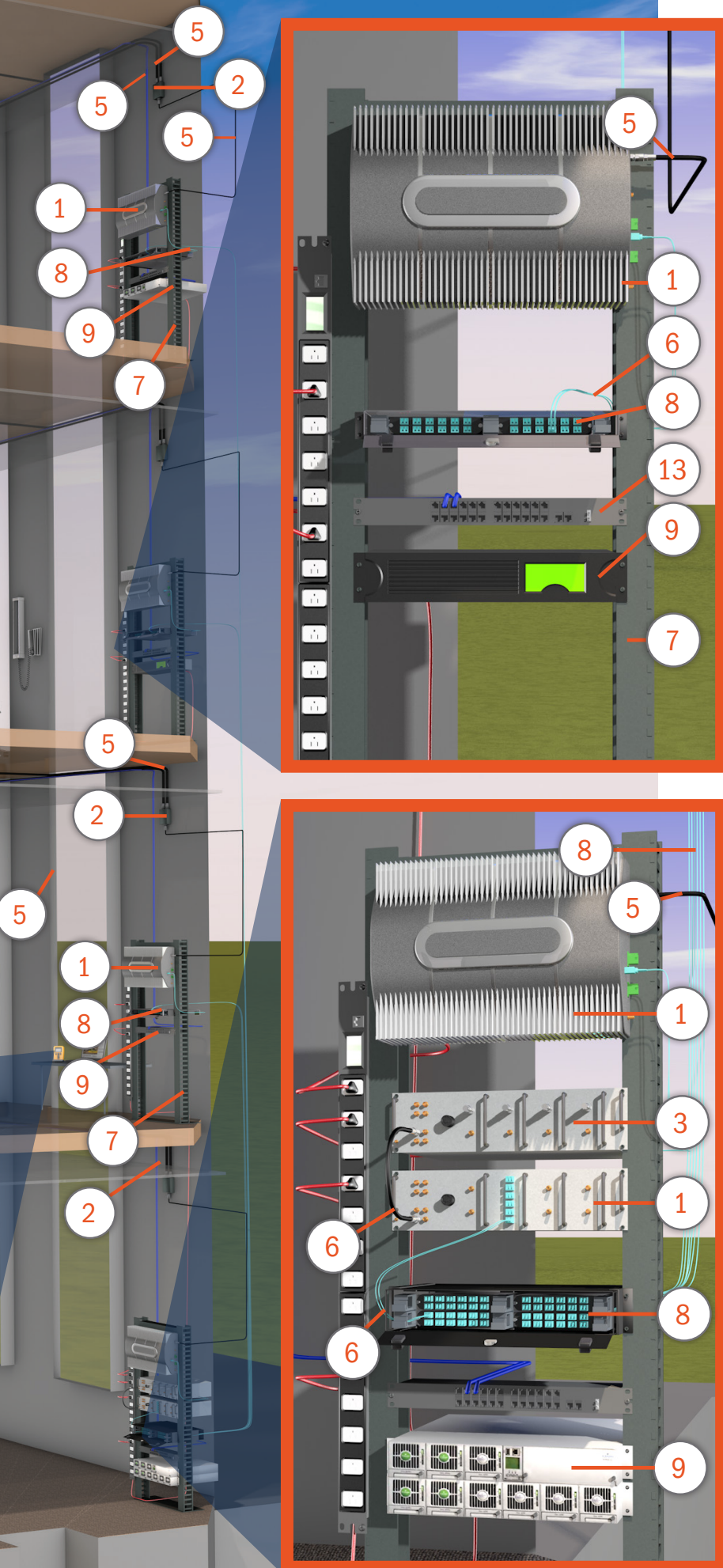
- Benchmark surveys
- RF engineering and design
- Carrier coordination
- Deployment and installation
- Test and turn-up
- Monitoring and ongoing maintenance.







# In-Building Wireless Example



- 1 ACTIVE DAS
- 2 FILTERS
- 3 REPEATERS/BDAS
- 4 ANTENNAS
- 5 COAX AND CONNECTORS
- 6 ASSEMBLIES (COAX AND FIBER)
- 7 RACKS
- 8 FIBER AND HARDWARE
- 9 POWER
- 10 TEST EQUIPMENT
- 11 ACCESS POINT
- 12 ENCLOSURE
- 13 SWITCH

## Association and Committee Memberships

- Telecommunications Industry Association (TIA)
- International Organization for Standardization (ISO)
- Institute of Electrical & Electronics Engineers (IEEE)
- ONVIF
- Building Industry Consulting Services International (BICSI)
- Security Industry Association (SIA)
- Control Systems Integrators Association (CSIA)
- HetNet Forum
- Association for Passive Optical LAN (APOLAN)

## Technical Certifications

- ASIS CPP (Certified Protection Professional)
- More than 90 Registered BICSI RCDDs (Registered Communications Distribution Designers)
- PSPs (Physical Security Professional Certification)
- CCNAs (Cisco Certified Network Associate)



YEAR FOUNDED  
**1957**

NUMBER OF EMPLOYEES  
**Approximately 8,200**

2013 REVENUE  
**\$6.2 Billion**

APPROXIMATELY  
**\$1 Billion**  
INVENTORY

APPROXIMATELY  
**450,000**  
PRODUCTS

OVER  
**50**  
countries

APPROXIMATELY  
**100,000**  
CUSTOMERS

OVER  
**250**  
cities

STOCK SYMBOL  
**AXE**

FORTUNE  
**500** LIST

**About Anixter:** [anixter.com/aboutus](http://anixter.com/aboutus)  
**Legal Statement:** [anixter.com/legalstatement](http://anixter.com/legalstatement)

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